



Togiak

National Wildlife Refuge | Alaska

The following is a summary of past and current studies conducted on Togiak National Wildlife Refuge, planning documents, and annual reports, including those that occurred in the area before the Refuge was established.

Mammals

Brown Bear

Collins, G. H. 2002a. Incidental brown bear observations as an index of relative abundance in southwest Alaska. Togiak National Wildlife Refuge.

Collins, G. H. 2003. Brown bear line transect density estimation, Togiak National Wildlife Refuge.

Collins, G. H., S. D. Kovach and M. T. Hinkes. 2005. Home range and movements of female brown bears in southwestern Alaska. *Ursus* 16:181-189.

Kovach, S.D., G.H. Collins, J. Denton, D. Fisher, M.T. Hinkes, R.H. Kaycon, S.D. Miller, V.G. Miller, J.R. Morgart, R. Seavoy, L. Van Daele, J. Woolington. 2003. Brown bear density, movements, and population parameters in the southwestern Kuskokwim Mountains, Alaska - 1996-2000. Progress Report. Yukon Kuskokwim Delta National Wildlife Refuge, Togiak National Wildlife Refuge, Alaska Department of Fish and Game, Bureau of Land Management.

Kovach, S. D., G. H. Collins, M. T. Hinkes, and J. W. Denton. 2006. Reproduction and survival of brown bears in southwest Alaska, USA. *Ursus*. 17(1):16-29.

Miller, V. G., J. Denton, D. Fisher, M. Hinkes, R. Kacyon, S. D. Kovach, S. Miller, J. Morgart, and L. Van Daele. 1995. Brown bear density, movements, and population parameters in the southwestern end of the Kuskokwim Mountains and adjacent ranges, Western Alaska, 1994. Yukon Kuskokwim Delta National Wildlife Refuge, Togiak National Wildlife Refuge, Alaska Department of Fish and Game, and Bureau of Land Management.

Miller, V. G., S. D. Kovach, J. Denton, D. Fisher, M. Hinkes, R. Kacyon, S. D. Miller, J. Morgart, and L. Van Daele. 1996. Brown bear density, movements, and population parameters in the southwestern end of the Kuskokwim Mountains, Alaska. 1995 progress report. Yukon Kuskokwim Delta National Wildlife Refuge, Togiak National Wildlife Refuge, Alaska Department of Fish and Game, and Bureau of Land Management.

Van Daele, L. J., J. R. Morgart, M. T. Hinkes, S. D. Kovach, J. W. Denton, and R. H. Kaycon. 2001. Grizzlies, Eskimos, and biologists: Cross-cultural bear management in southwest Alaska. *Ursus* 12:141-152.

Walsh, P., J. Reynolds, G. Collins, B. Russell, M. Winfree, and J. Denton. 2006. Brown bear population density on Togiak National Wildlife Refuge and BLM Goodnews Block, southwest Alaska. U.S. Fish and Wildlife Service. Dillingham, Alaska.

Walsh, P., J. Reynolds, G. Collins, B. Russell, M. Winfree, and J. Denton. 2010. Application of a double-observer aerial line transect method to estimate brown bear population density in southwestern Alaska. *Journal of Fish and Wildlife Management*. 22p.

Caribou

- Aderman, A. 2002. Lichen utilization monitoring following caribou reintroduction to the Nushagak Peninsula, southwest Alaska. Progress report. Togiak National Wildlife Refuge, Dillingham, AK. 15 pp.
- Aderman, A. 2006. Monitoring lichen cover and utilization following caribou reintroduction to the Nushagak Peninsula, southwest Alaska. Progress report. Togiak National Wildlife Refuge, Dillingham. 27 pp.
- Aderman, A. R. 2009. Population monitoring and status of the Nushagak Peninsula caribou herd, 1988-2008. Progress report. Togiak National Wildlife Refuge, Dillingham, Alaska. 29 pp.
- Aderman, A. R. 2011a. Monitoring lichen utilization and cover following caribou reintroduction to the Nushagak Peninsula, southwest Alaska. Progress report. Togiak National Wildlife Refuge, Dillingham, Alaska. 22 pp.
- Aderman, A. R. 2011b. Nushagak Peninsula caribou demographics monitoring. Study plan and protocol. Togiak National Wildlife Refuge, Dillingham, Alaska. 20 pp.
- Aderman, A. R. 2013. Population monitoring and status of the Nushagak Peninsula caribou herd, 1988-2012. Togiak National Wildlife Refuge, Dillingham, Alaska. 30 pp.
- Aderman, A. R. and J. Woolington. 2001. Population monitoring and status of the reintroduced Nushagak Peninsula Caribou Herd. Progress Report. Togiak National Wildlife Refuge and Alaska Department of Fish and Game. Dillingham, AK. 35 p.
- Collins, G. H., M. Hinkes, A. Aderman, J. Woolington. 2000. Population growth, movements, and status of the Nushagak Peninsula Caribou Herd following reintroduction, southwest Alaska, March 1988 - March 2000. Togiak National Wildlife Refuge and Alaska Department of Fish and Game. Dillingham, AK. 20 p
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- Hinkes, M. T. and L. J. VanDaele. 1993. Population growth and status of the Nushagak Peninsula caribou herd in southwest Alaska following reintroduction, 1988 - 1993... Summary report. Togiak National Wildlife Refuge and Alaska Department of Fish and Game. Dillingham. 7 pp.
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- Paul, T. W. 2009. Game transplants in Alaska. Technical bulletin No. 4, second edition. Alaska Department of Fish and Game. Juneau, Alaska. 150pp.
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Moose

- Aderman, A. R. 2008. Demographics and home ranges of moose at Togiak National Wildlife Refuge, southwest Alaska, 1998-2007. Progress report. Togiak National Wildlife Refuge, Dillingham, Alaska. 34 pp.
- Aderman, A. R. 2011. Moose demographics monitoring on and adjacent to Togiak National Wildlife Refuge, Alaska. Study plan and protocol. Togiak National Wildlife Refuge, Dillingham, Alaska. 23 pp.
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- Aderman, A., M. Hinkes, and J. Woolington. 1999. Population identity and movements of moose in the Togiak, Kulukak, and Goodnews River drainages, southwest Alaska, March 1998 - April 1999. Progress report. Togiak National Wildlife Refuge & Alaska Department of Fish and Game. Dillingham. 56 pp.
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Small Mammals

- Collins, G. H. 2001. Furbearer snow track surveys on the Togiak National Wildlife Refuge, Progress Report. Togiak National Wildlife Refuge.
- Collins, G. H. 2002b. Monitoring beaver cache abundance on Togiak National Wildlife Refuge. Togiak National Wildlife Refuge.
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- Peirce, K. N., and J. M. Peirce. 2000b. Range extensions for the Alaska Tiny Shrew and Pygmy Shrew in Southwestern Alaska. Northwestern Naturalist. 81:67-68
- Peirce, K. Peirce and J. M. Peirce. 2000c. Small Mammal Report. Togiak National Wildlife Refuge.
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